CLAIMS

What is claimed:

1. A method for enlarging an output display, the method comprising:

generating an enlarged font set including a plurality of enlarged font characters enlarged by a magnification factor;

receiving an original font render command to render an original font character; and

rendering a corresponding enlarged font character in substitute of the original font character.

2. The method of claim 1 further comprising:

prior to generating the enlarged font set, receiving the magnification factor.

3. The method of claim 1 further comprising:

after generating the enlarged font set, storing the enlarged font set within a cache.

4. The method of claim 1 wherein the step of rendering a corresponding enlarged font character is directed to an off-screen surface.

5. The method of claim 4 further comprising:

receiving a font rendering command; and

substituting the enlarged font rendering command for the font rendering command.

6. The method of claim 5 further comprising:

providing the enlarged font rendering command to a display driver redirector.

7. An apparatus for enlarging an output display, the apparatus comprising:

a message hook application operative to receive a magnification event indicator, wherein the indicator includes a magnification factor;

a character generator coupled to the message hook application such that the character generator is operative to receive a text call from the message hook application for the generation of a magnified character set including a plurality of characters enlarged by the magnification factor; and

a display driver operably coupled to the message hook application and the character generator such that the display driver is operative to receive an ancillary text call indicator from the message hook application and the character set at the magnified font size from the character generator such that, in response to the ancillary text call indicator, the display driver caches the character set.

8. The apparatus of claim 7 further comprising:

the message hook application coupled to receive an input command signal;

a direct draw surface operably coupled to the display driver such that the direct draw surface is coupled to receive one or more characters of the character set.

9. The apparatus of claim 8 further comprising:

an input filter device operative to receive an input command and thereupon generate a redirected input command.

10. The apparatus of claim 9 wherein the input command is received from at least one of the following: a mouse, a touchpad, a joystick, a rollerball, a stylus, a touchscreen and a digitizer.

11. The apparatus of claim 8 further comprising:

a frame buffer operably coupled to the display driver operative to receive the enlarged text such that the frame buffer is operative to provide the enlarged text to a display device.

12. The apparatus of claim 8 further comprising:

a timing device capable of resetting the display driver.

13. A method for resizing an application window comprising:

receiving a first enlargement indicator;

generating a hold render command allowing for the rendering of a plurality of visible shadow lines defining an enlarged viewable area;

receiving a field enlargement definer that defines a magnification factor for the enlarged viewable area; and

determining an enlargement factor based on the field enlargement factor.

14. The method of claim 13 further comprising:

generating an enlarged font set including a plurality of enlarged font characters enlarged by a magnification factor, wherein the enlargement factor is proportional to the magnification factor;

receiving an original font render command to render an original font character; and

rendering a corresponding enlarged font character in substitute of the original font character.

15. The method of claim 14 further comprising:

prior to generating the enlarged font set, receiving the magnification factor.

16. The method of claim 14 further comprising:

after generating the enlarged font set, storing the enlarged font set within a cache.

17. The method of claim 14 wherein the step of rendering a corresponding enlarged font character is directed to an off-screen surface.

18. The method of claim 17 further comprising:

receiving a font rendering command; and

substituting the enlarged font rendering command for the font rendering command.

19. A computer system comprising:

a message hook application operative to receive a magnification event indicator, wherein the indicator includes a magnification factor, the message hook application coupled to receive an input command signal;

a character generator coupled to the message hook application such that the character generator is operative to receive a text call from the message hook application for the generation of a magnified character including a plurality of characters enlarged by the magnification factor;

a display driver operably coupled to the message hook application and the character generator such that the display driver is operative to receive an ancillary text call indicator from the message hook application and the character set at the magnified font size from the character generator such that, in response to the ancillary text call indicator, the display driver caches the character set; and

a direct draw surface operably coupled to the display driver such that the direct draw surface is coupled to receive one or more

20. The computer system of claim 19 further comprising:

an input filter device operative to receive an input command and thereupon generate a redirected input command.

21. The computer system of claim 20 wherein the input command is received from at least one of the following: a mouse, a touchpad, a joystick, a rollerball, a stylus, a touchscreen and a digitizer.

22. The computer system of claim 20 further comprising:

the driver operably coupled to a frame buffer, the frame buffer coupled to the display driver operative to receive the enlarged text such that the frame buffer is operative to provide the enlarged text to a display device.